B VIVEKANANDA

Electronics and Communication Engineering

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Summary

Undergraduate Electronics and Communication Engineering student seeking opportunities to gain hands-on experience, apply classroom knowledge to real-world projects, and develop industry-relevant technical skills.

Technical Skills

- **Programming Languages:** Python, C, Java, Verilog (Beginner), MySQL
- **Web Technologies:** HTML, CSS, JavaScript
- **Tools:** Arduino, VS Code, GitHub, MATLAB
- **Embedded Systems:** Sensors, actuators, alarm systems, automation

Soft Skills

- Communication
- Teamwork
- Problem Solving

Projects

GAS-SHIELD – Gas Leakage Detection System (2025)

- Designed an Arduino-based system using MQ-5 gas sensor to detect LPG gas leakage.
- Implemented automatic gas regulator shut-off, alarm activation, and ventilation control.
- Enhanced household safety through real-time alerts.

Awards & Certifications

- Virtual Intern, Embedded System Developer – Microchip Technology (AICTE Internship), Jan–Mar 2025
- Oracle AI Foundation Associate Certification (2025)

Education

B.Tech – Electronics and Communication Engineering CMRIT Hyderabad	2023 – Present **CPI: 8.86**
BIE – Mathematics, Physics, Chemistry MIMS College	2021 – 2023 **CPI: 9.65**
SSC Trinity High School	2021 **CPI: 10.0**